

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Reclamation District No. 2035 Conaway

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 2035 Conaway

Waterway			Bank	Unit Miles
Unit No. 01 Cache Creek Settling Basin			Right	2.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2017 - 4/18/2017			
DWR Inspector	Sterling York			
Accompanied By	Peter Blum			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD2035_01_s_2013_3				
Comment Code					
Inspector Comment					
The LMA stated that they keep a copy of the O&M manuals on hand at the district office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD2035_01_s_2013_4				
Comment Code					
Inspector Comment					
The district has emergency supplies and equipment on hand at their district office.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD2035_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA plans on attending DWR Flood Fight training class this fall.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	0.00	Rating **	M	Issue No.	14
LM End	0.00	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677393 °	38.677393 °
				-121.709890 °	-121.709890 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41346 DS_ID:17819 EP_NO: 4363 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 36-inch Corrugated Metal Pipe through levee 7.8 feet below crown. Flap gate in 72-inch CMP riser at WS toe with abandoned pump platform on south side of East Main Street. A 30-inch welded steel pipe is sleeved through the 36-inch C.M. pipe and annular space grouted. (Permit No. 4363 - City of Woodland) FS Date: 4/2/2013 3:09:00 PM					

LM Start	0.00	Rating **	M	Issue No.	14 (cont)
LM End	0.00	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_SP_2017_41346_18102.jpg



Flap gate and pipe at bottom of 72-inch CMP riser on WS toe.

Photo 2 of 3 : UCIP_SP_2017_41346_18101.jpg



72-inch CMP riser on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	0.00	Rating **	M	Issue No.	14 (cont)	
LM End	0.00	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.677393 °	38.677393 °	
				-121.709890 °	-121.709890 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41346 DS_ID:17819 EP_NO: 4363 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 36-inch Corrugated Metal Pipe through levee 7.8 feet below crown. Flap gate in 72-inch CMP riser at WS toe with abandoned pump platform on south side of East Main Street. A 30-inch welded steel pipe is sleeved through the 36-inch C.M. pipe and annular space grouted. (Permit No. 4363 - City of Woodland) FS Date: 4/2/2013 3:09:00 PM						

Photo 3 of 3 : UCIP_SP_2017_41346_18100.jpg



Pipe with 30-inch grouted at 200-feet LS of toe.

LM Start	0.01	Rating **	U	Issue No.	13
LM End	2.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677382 °	38.677191 °
				-121.709750 °	-121.672900 °
DWR ID	DWR_RD2035_01_s_2017_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained, Spring 2017.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	0.01	Rating **	U	Issue No.	9
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677382 °	38.677191 °
				-121.709746 °	-121.672904 °
DWR ID	DWR_RD2035_01_s_2017_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_238_9_20170426_00014.jpg



View looking downstream of annual grasses that need to be maintained, Spring 2017.

LM Start	0.01	Rating **	U	Issue No.	10
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677382 °	38.677191 °
				-121.709746 °	-121.672904 °
DWR ID	DWR_RD2035_01_s_2017_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD2035_238_10_20170426_00015.jpg



View looking downstream of vegetation that need to be maintained, Spring 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	0.02	Rating **	A/W	Issue No.	15
LM End	0.02	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.677377 °	38.677377 °	
			-121.709487 °	-121.709487 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:10827
DS_ID:17814
EP_NO: 10127
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 42-inch CM pipe through levee 10.0 feet below crown. Flap gate on waterward end. Grouted spillway on waterward side. Pipe encased in concrete and exposed at LS. (A.B.O. No. 10127 - City of Woodland)
FS Date: 4/2/2013

LM Start	0.02	Rating **	A/W	Issue No.	15 (cont)
LM End	0.02	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_10827_18109.jpg



Flap gate and spillway on WS toe.

Photo 2 of 3 : UCIP_SP_2017_10827_18108.jpg



Flap gate and spillway on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	0.02	Rating **	A/W	Issue No.	15 (cont)	
LM End	0.02	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.677377 °	38.677377 °	
				-121.709487 °	-121.709487 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10827						
DS_ID:17814						
EP_NO: 10127						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 42-inch CM pipe through levee 10.0 feet						
below crown. Flap gate on waterward end. Grouted spillway on						
waterward side. Pipe encased in concrete and exposed at LS. (A.B.O.						
No. 10127 - City of Woodland)						
FS Date: 4/2/2013						

Photo 3 of 3 : UCIP_SP_2017_10827_18107.jpg



Concrete encased pipe on LS toe.

LM Start	0.03	Rating **	C	Issue No.	11
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.677347 °	38.677175 °
				-121.709285 °	-121.672945 °
DWR ID	DWR_RD2035_01_f_2013_11				
Comment Code					
AT : Agricultural tilling					
Inspector Comment					
Discing on the waterward slope can lead to erosion.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

Reclamation District No. 2035 Conaway

Exposed pipe at WS toe/stream.

Page 7 of 10

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	1.27	Rating **	M	Issue No.	16 (cont)	
LM End	1.27	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.677249 °		38.677249 °
				-121.686358 °		-121.686358 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:42012 DS_ID:17816 EP_NO: 12597 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 18-inch steel conductor pipe for flooding silt dredge through the levee 3.4 feet below the crown. 10-inch steel pipe sleeved through the 18-inch steel conductor pipe annular space grouted. Siphon breaker on waterward shoulder in steel riser. (Permit No. 12597 - R.D. No. 2035) FS Date: 4/2/2013						

Photo 3 of 3 : UCIP_SP_2017_42012_18113.jpg



Buried steel riser on WS shoulder

LM Start	1.77	Rating **	M	Issue No.	12
LM End	1.77	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.677212 °	38.677212 °
				-121.677248 °	-121.677248 °
DWR ID	DWR_RD2035_01_s_2017_12				
Comment Code					
MA : Material					
Inspector Comment					
Railroad ties on landside slope need to be removed, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_238_12_20170426_00016.jpg



Landside view of railroad ties on the levee slope, Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	1.87	Rating **	M	Issue No.	17
LM End	1.87	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.677186°	38.677186°	
			-121.675277°	-121.675277°	

DWR ID	
--------	--

Comment Code	
--------------	--

Inspector Comment	
-------------------	--

FS_ID:10913
DS_ID:17867
EP_NO: 13201
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Pipe needs to be properly marked or abandoned.
FIELD_STRUCT_DESC: 8-inch diameter casing through the levee 25-feet below the crown. 3-inch gas line through the casing with annular space filled with Bentonite. Possible vent for pipe on LS next to Old River Road. (Permit No. 13201)
FS Date: 4/2/2013

LM Start	1.87	Rating **	M	Issue No.	17 (cont)
LM End	1.87	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_SP_2017_10913_18188.jpg



Natural gas well on south side of Old river road.

Photo 2 of 2 : UCIP_SP_2017_10913_18187.jpg



Vent pipe to right of JP next to Old River Road.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/18/2017 04/18/2017	Sterling York

LM Start	1.94	Rating **	M	Issue No.	18
LM End	1.94	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677175 °	38.677175 °
				-121.674065 °	-121.674065 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10914					
DS_ID:17817					
EP_NO: 2544					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears to be abandoned as there is no pumphouse. Needs to be abandoned properly					
FIELD_STRUCT_DESC: 16-inch drainage pipe through levee 5.0 feet below crown. Pump on piling structure in drainage ditch on landward side. 36-inch concrete standpipe on waterward shoulder. (Permit No. 2544 - City of Woodland)					
FS Date: 4/2/2013					

Photo 1 of 1 : UCIP_SP_2017_10914_18189.jpg



36-inch Concrete stand pipe on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 2035 Conaway

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Right	7.63
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2017 - 4/18/2017			
DWR Inspector	Sterling York			
Accompanied By	Peter Blum			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	0.04	Rating **	U	Issue No.	17
LM End	7.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676571 °	38.575374 °
				-121.672576 °	-121.635585 °
DWR ID	DWR_RD2035_02_s_2017_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_239_17_20170426_00026.jpg



View looking downstream of annual grasses that need to be maintained, Spring 2017.

LM Start	0.04	Rating **	U	Issue No.	18
LM End	7.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676571 °	38.575374 °
				-121.672576 °	-121.635585 °
DWR ID	DWR_RD2035_02_s_2017_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_239_18_20170426_00027.jpg



View looking downstream of annual grasses that need to be maintained, Spring 2017.

LM Start	0.28	Rating **	M	Issue No.	1
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.673229 °	38.672069 °
				-121.671732 °	-121.671516 °
DWR ID	DWR_RD2035_02_s_2016_1				
Comment Code					
Inspector Comment					
2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Slumping of the lower toe. New slumped section on downstream end. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_0-1_R]					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	0.38	Rating **	U	Issue No.	980
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.671813 °	38.671813 °	
			-121.671581 °	-121.671581 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:50171
DS_ID:17822
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 09/14/2016 - Flap gate on the WS was submerged at time of inspection. LS headwall at the pumping plant has exposed rebar. There is still erosion present behind the headwall. However, water was present making it difficult to determine if it is getting worse. As-built drawings were requested from LMA consultant representative. (T. Hatch/UCIP)04/02/2013 - Flap gate broken in half on WS toe. Some erosion at headwalls on pumping plant. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 44-inch corrugated metal drainage pipe through the levee, 22 feet below the crown. There is a pump on a platform in a drainage ditch at the toe of the landside (LS) slope. There is a slide gate and flap gates in 5 foot by 9 foot concrete box. There is a flap gate on waterside (WS) toe. There is an 8-inch vent/standpipe at WS toe. [Additional Reference(s): DWR Levee Logs, 1990. USACE Sacramento O&M Manual 121, May 1959 (LM 0.4)].
FS Date: 9/14/2016

LM Start	0.38	Rating **	U	Issue No.	980 (cont)
LM End	0.38	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_50171_18202.jpg



Pumping plant off LS toe.

Photo 2 of 3 : UCIP_SP_2017_50171_18201.jpg



Pipe and flap gate with vent riser on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	0.38	Rating **	U	Issue No.	980 (cont)	
LM End	0.38	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.671813 °		38.671813 °
				-121.671581 °		-121.671581 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50171 DS_ID:17822 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 09/14/2016 - Flap gate on the WS was submerged at time of inspection. LS headwall at the pumping plant has exposed rebar. There is still erosion present behind the headwall. However, water was present making it difficult to determine if it is getting worse. As-built drawings were requested from LMA consultant representative. (T. Hatch/UCIP)04/02/2013 - Flap gate broken in half on WS toe. Some erosion at headwalls on pumping plant. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 44-inch corrugated metal drainage pipe through the levee, 22 feet below the crown. There is a pump on a platform in a drainage ditch at the toe of the landside (LS) slope. There is a slide gate and flap gates in 5 foot by 9 foot concrete box. There is a flap gate on waterside (WS) toe. There is an 8-inch vent/standpipe at WS toe. [Additional Reference(s): DWR Levee Logs, 1990. USACE Sacramento O&M Manual 121, May 1959 (LM 0.4)]. FS Date: 9/14/2016						

Photo 3 of 3 : UCIP_SP_2017_50171_18200.jpg



Broken flap gate at WS toe.

LM Start	1.20	Rating **	M	Issue No.	2
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.660050 °	38.659465 °
				-121.669028 °	-121.668940 °
DWR ID	DWR_RD2035_02_s_2016_2				
Comment Code					
Inspector Comment					
2011 - Small sections of slumping, likely from wind wave. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_1-2_R]					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	1.71	Rating **	M	Issue No.	981
LM End	1.71	Issue Type +	En	Location *	WS
Category	Supplemental	GPS Latitude/Longitude			
		Start	End		
Item	DWR UCIP Field Study	38.652721 °	38.652721 °		
		-121.667790 °	-121.667790 °		
DWR ID					

Comment Code

Inspector Comment

FS_ID:50090
DS_ID:22956
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 09/14/2016 - Pipe has been removed from the levee and the levee has been repaired. It is unknown if these repairs were done with a permit or if the fill was properly compacted. Gas line markers still on WS shoulder of levee. It is unknown if another gas line exists in this location. (T. Hatch/UCIP)04/02/2013 - Pipe does not have appropriate cover and is marked as gasoline. Does not appear to be a permitted utility. (W. Wylie/UCIP)
FIELD_STRUCT_DESC: *REMOVED* 4-inch steel pipe through the levee, 3-inches below the crown. A 2-inch PVC pipe is sleeved through it. No other appurtenances found. Markers along alignment indicate pipe may be a gas line.
FS Date: 9/14/2016

LM Start	1.71	Rating **	M	Issue No.	981 (cont)
LM End	1.71	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_50090_18922.jpg



Pipe crossing with gasline marker on LS shoulder.

Photo 2 of 3 : UCIP_SP_2017_50090_18921.jpg



Pipe on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	1.71	Rating **	M	Issue No.	981 (cont)
LM End	1.71	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.652721 °	38.652721 °
				-121.667790 °	-121.667790 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50090 DS_ID:22956 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 09/14/2016 - Pipe has been removed from the levee and the levee has been repaired. It is unknown if these repairs were done with a permit or if the fill was properly compacted. Gas line markers still on WS shoulder of levee. It is unknown if another gas line exists in this location. (T. Hatch/UCIP)04/02/2013 - Pipe does not have appropriate cover and is marked as gasoline. Does not appear to be a permitted utility. (W. Wylie/UCIP) FIELD_STRUCT_DESC: *REMOVED* 4-inch steel pipe through the levee, 3-inches below the crown. A 2-inch PVC pipe is sleeved through it. No other appurtenances found. Markers along alignment indicate pipe may be a gas line. FS Date: 9/14/2016					

Photo 3 of 3 : UCIP_SP_2017_50090_18920.jpg



Pipe with gasline markers on WS slope.

LM Start	1.98	Rating **	M	Issue No.	4
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.648881 °	38.648178 °
				-121.666653 °	-121.666385 °
DWR ID	DWR_RD2035_02_s_2016_4				
Comment Code					
Inspector Comment					
2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Small sections of slumping lower bank, just downstream of bank rock. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-0_R]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	2.15	Rating **	A/W	Issue No.	982
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.646445 °	38.646445 °
				-121.666423 °	-121.666423 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10933 DS_ID:17833 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 60-inch pipe through levee 26.0 feet below crown. Concrete well and gate structure on waterward slope. Originally included in O+M manual (1959). FS Date: 4/2/2013					

Photo 1 of 3 : UCIP_SP_2017_10933_18226.jpg



Slide gates in concrete vault on WS slope.

LM Start	2.15	Rating **	A/W	Issue No.	982 (cont)
LM End	2.15	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10933_18225.jpg



LS at intake.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	2.15	Rating **	A/W	Issue No.	982 (cont)
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.646445 °	38.646445 °
				-121.666423 °	-121.666423 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10933 DS_ID:17833 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 60-inch pipe through levee 26.0 feet below crown. Concrete well and gate structure on waterward slope. Originally included in O+M manual (1959). FS Date: 4/2/2013					

Photo 3 of 3 : UCIP_SP_2017_10933_18224.jpg



Outlet on WS toe.

LM Start	2.15	Rating **	A/W	Issue No.	983
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.646425 °	38.646425 °
				-121.666421 °	-121.666421 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10934 DS_ID:17877 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 60-inch pipes through levee 26.0 feet below crown. Concrete well and gate structure on waterward slope. Concrete headwalls on both ends. Originally included in O+M manual (1959). FS Date: 4/2/2013					

Photo 1 of 3 : UCIP_SP_2017_10934_18230.jpg



Slide gates in concrete vault on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	2.15	Rating **	A/W	Issue No.	983 (cont)	
LM End	2.15	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.646425 °		38.646425 °
				-121.666421 °		-121.666421 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10934						
DS_ID:17877						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 2 of 2: 60-inch pipes through levee 26.0 feet below crown. Concrete well and gate structure on waterward slope. Concrete headwalls on both ends. Originally included in O+M manual (1959).						
FS Date: 4/2/2013						

Photo 2 of 3 : UCIP_SP_2017_10934_18229.jpg



Intake at channel on LS toe.

LM Start	2.15	Rating **	A/W	Issue No.	983 (cont)
LM End	2.15	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10934_18228.jpg



Concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	2.18	Rating **	M	Issue No.	979
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.646063 °	38.623062 °
				-121.666332 °	-121.648925 °
DWR ID	DWR_RD2035_02_s_2012_979				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is at the landside toe of the levee.					

Photo 1 of 1 : SP_2017_RD2035_239_979_20170316_00004.jpg



View of the ditch on the landward side of the levee looking downstream.
Fall 2016.

LM Start	2.26	Rating **	M	Issue No.	5
LM End	2.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.645319 °	38.640997 °
				-121.665089 °	-121.661878 °
DWR ID	DWR_RD2035_02_s_2016_5				
Comment Code					
Inspector Comment					
2011 - Erosion from wind waves along entire length of the levee toe. Several sections of slumping bank along the toe. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-3_R]					

No Photos

LM Start	2.69	Rating **	M	Issue No.	20
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.639811 °	38.639230 °
				-121.661246 °	-121.660819 °
DWR ID	DWR_RD2035_02_s_2017_20				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope sloughing that occurred during winter months, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_239_20_20170426_00028.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	2.78	Rating **	M	Issue No.	6
LM End	3.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.638731 °	38.632783 °
				-121.660247 °	-121.655864 °
DWR ID	DWR_RD2035_02_s_2016_6				
Comment Code					
Inspector Comment					
2011 - Wave wash erosion and several sections of slumping bank along the toe. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-8_R]					

No Photos

LM Start	2.83	Rating **	M	Issue No.	984
LM End	2.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.638024 °	38.638024 °
				-121.659929 °	-121.659929 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41907					
DS_ID:17826					
EP_NO: 8640					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Need to contact owner to determine status and location of crossing. Unable to locate.					
FIELD_STRUCT_DESC: 8-inch steel gas line through levee 4.0 feet below crown. Valve on waterward shoulder protected by 2-2-inch steel pipes extending 1-foot above ground.(Permit No. 8640 - P.G.&E.)					
FS Date: 4/2/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	2.96	Rating **	M	Issue No.	21
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.636471 °	38.635215 °
				-121.658793 °	-121.657886 °
DWR ID	DWR_RD2035_02_s_2017_21				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope sloughing that occurred during winter months, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_239_21_20170426_00029.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

LM Start	3.12	Rating **	M	Issue No.	22
LM End	3.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.634432 °	38.633665 °
				-121.657304 °	-121.656744 °
DWR ID	DWR_RD2035_02_s_2017_22				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope sloughing that occurred during winter months, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_239_22_20170426_00030.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	3.27	Rating **	M	Issue No.	23
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.632475 °	38.632261 °
				-121.655857 °	-121.655695 °
DWR ID	DWR_RD2035_02_s_2017_23				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope sloughing that occurred during winter months, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_239_23_20170426_00031.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

LM Start	3.39	Rating **	M	Issue No.	24
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.631082 °	38.630790 °
				-121.654798 °	-121.654588 °
DWR ID	DWR_RD2035_02_s_2017_24				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope sloughing that occurred during winter months, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_239_24_20170426_00032.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	4.09	Rating **	M	Issue No.	7
LM End	4.41	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.622224 °	38.618302 °
				-121.648201 °	-121.645296 °
DWR ID	DWR_RD2035_02_s_2016_7				
Comment Code					
Inspector Comment					
2006 - Wave wash erosion and some saturation slumping occurring. Several small scallops present in lower levee slope/toe due to saturation slumping. Tension/separation cracks evident in fine-grained levee slope materials. 2011 - Small pockets of erosion throughout the site. Site formerly called 3.8. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_4-2_R]					

No Photos

LM Start	4.43	Rating **	M	Issue No.	985
LM End	4.43	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.618030 °	38.618030 °
				-121.645192 °	-121.645192 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11526 DS_ID:17828 EP_NO: 1701 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Animal activity at outlet causing damage to berm and undermining the pipe at the outlet headwall on WS toe. FIELD_STRUCT_DESC: 60-inch corrugated metal drain pipe through the levee 20.6 feet below the crown encased in 6-inches of reinforced concrete. Slide gate in 7-foot diameter C.M. pipe riser on waterward slope. Pumping plant with 6-pumps/pipes that discharge into a 4-ft by 18-ft surge box on the LS toe. (Permit No. 1701 - R.D. 2035) FS Date: 4/3/2013					

Photo 1 of 3 : UCIP_SP_2017_11526_18935.jpg



Surge box and pumping plant on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	4.43	Rating **	M	Issue No.	985 (cont)	
LM End	4.43	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.618030 °		38.618030 °
				-121.645192 °		-121.645192 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:11526 DS_ID:17828 EP_NO: 1701 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Animal activity at outlet causing damage to berm and undermining the pipe at the outlet headwall on WS toe. FIELD_STRUCT_DESC: 60-inch corrugated metal drain pipe through the levee 20.6 feet below the crown encased in 6-inches of reinforced concrete. Slide gate in 7-foot diameter C.M. pipe riser on waterward slope. Pumping plant with 6-pumps/pipes that discharge into a 4-ft by 18-ft surge box on the LS toe. (Permit No. 1701 - R.D. 2035) FS Date: 4/3/2013						

Photo 2 of 3 : UCIP_SP_2017_11526_18934.jpg



7-foot diameter CMP riser and slide gate on WS slope.

LM Start	4.43	Rating **	M	Issue No.	985 (cont)
LM End	4.43	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_11526_18933.jpg



7-foot diameter CMP riser and slide gate on WS slope.

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	4.43	Rating **	M	Issue No.	10
LM End	6.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.617921 °	38.589619 °
				-121.645109 °	-121.631277 °
DWR ID	DWR_RD2035_02_s_2013_10				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is at the landside levee toe.					

Photo 1 of 1 : SP_2017_RD2035_239_10_20170316_00001.jpg



View of the drainage ditch on the landward side of the levee looking downstream. Fall 2016.

LM Start	5.81	Rating **	C	Issue No.	19
LM End	5.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.600462 °	38.600462 °
				-121.632705 °	-121.632705 °
DWR ID	DWR_RD2035_02_f_2015_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The arundo has been removed, Spring 2017.					

No Photos

LM Start	6.35	Rating **	M	Issue No.	25
LM End	6.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.592882 °	38.592413 °
				-121.631269 °	-121.631269 °
DWR ID	DWR_RD2035_02_s_2017_25				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope sloughing that occurred during winter months, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_239_25_20170426_00033.jpg



View looking downstream of a rain coat over landside slope sloughing that occurred during winter months, Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	6.50	Rating **	M	Issue No.	986
LM End	6.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590691 °	38.590691 °
				-121.631284 °	-121.631284 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:50089
DS_ID:17868
EP_NO: 16480
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 09/14/2016 - Erosion on the LS toe at the sheet pile walls for the pumping plant is still present. It does not appear to be significantly different than during the previous inspection. Erosion should be monitored, but at this time does not appear to result in a potential threat to levee integrity. (T. Hatch/UCIP)04/03/2013 - Erosion on LS toe at pumping plant. Severe erosion of sheet pile walls at pumping plant. (W. Wylie/UCIP)
FIELD_STRUCT_DESC: 1 of 2: 60-inch by 48-inch concrete box drainage conduit through the levee, 22-feet below the crown. There is a steel walkway to the slidegate handles on the waterside (WS) shoulder. 6 foot by 18 foot surge box and pumping plant on the landside (LS) toe. This pipe replaced the 48-inch at this same location. (Permit No. 16480, 1996 - Conaway Conservancy Group/RD2035)
FS Date: 9/14/2016

LM Start	6.50	Rating **	M	Issue No.	986 (cont)
LM End	6.50	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_50089_18327.jpg



Steel walkway to slide gates on WS shoulder.

Photo 2 of 3 : UCIP_SP_2017_50089_18326.jpg



Pumping plant on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	6.50	Rating **	M	Issue No.	986 (cont)	
LM End	6.50	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.590691 °	38.590691 °	
				-121.631284 °	-121.631284 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50089 DS_ID:17868 EP_NO: 16480 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 09/14/2016 - Erosion on the LS toe at the sheet pile walls for the pumping plant is still present. It does not appear to be significantly different than during the previous inspeciton. Erosion should be monitored, but at this time does not appear to result in a potential threat to levee integrity. (T. Hatch/UCIP)04/03/2013 - Erosion on LS toe at pumping plant. Severe erosion of sheet pile walls at pumping plant. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 1 of 2: 60-inch by 48-inch concrete box drainage conduit through the levee, 22-feet below the crown. There is a steel walkway to the slidegate handles on the waterside (WS) shoulder. 6 foot by 18 foot surge box and pumping plant on the landside (LS) toe. This pipe replaced the 48-inch at this same location. (Permit No. 16480, 1996 - Conaway Conservancy Group/RD2035) FS Date: 9/14/2016						

Photo 3 of 3 : UCIP_SP_2017_50089_18325.jpg



Slide gates at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	6.50	Rating **	M	Issue No.	987
LM End	6.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590680 °	38.590680 °
				-121.631283 °	-121.631283 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50088 DS_ID:17891 EP_NO: 16480 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 09/14/2016 - Erosion is still present on the LS of the levee off the WS toe. This erosion should continue to be monitored, but does not appear to be a threat to levee integrity at this time. (T. Hatch/UCIP)04/02/2013 - Severe erosion at pumping plant on LS toe. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 2 of 2: 60-inch by 48-inch concrete box drainage conduit through the levee, 22-feet below the crown. There is a steel walkway to the slidegate handles on the waterside (WS) shoulder. 6 foot by 18 foot surge box and pumping plant on the landside (LS) toe. This pipe replaced the 48-inch at this same location. (Permit No. 16480, 1996 - Conaway Conservancy Group/RD2035) FS Date: 9/14/2016					

Photo 1 of 3 : UCIP_SP_2017_50088_18321.jpg



Steel walkway to Slide gate handles on WS shoulder.

LM Start	6.50	Rating **	M	Issue No.	987 (cont)
LM End	6.50	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_50088_18320.jpg



Surge box and pumping plant on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/18/2017 04/18/2017	Sterling York

LM Start	6.50	Rating **	M	Issue No.	987 (cont)	
LM End	6.50	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.590680 °	38.590680 °	
				-121.631283 °	-121.631283 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50088 DS_ID:17891 EP_NO: 16480 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 09/14/2016 - Erosion is still present on the LS of the levee off the WS toe. This erosion should continue to be monitored, but does not appear to be a threat to levee integrity at this time. (T. Hatch/UCIP)04/02/2013 - Severe erosion at pumping plant on LS toe. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 2 of 2: 60-inch by 48-inch concrete box drainage conduit through the levee, 22-feet below the crown. There is a steel walkway to the slidegate handles on the waterside (WS) shoulder. 6 foot by 18 foot surge box and pumping plant on the landside (LS) toe. This pipe replaced the 48-inch at this same location. (Permit No. 16480, 1996 - Conaway Conservancy Group/RD2035) FS Date: 9/14/2016						

Photo 3 of 3 : UCIP_SP_2017_50088_18319.jpg



Slide gates at outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 2035 Conaway

Waterway			Bank	Unit Miles
Unit No. 03 Willow Slough Bypass			Left	2.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2017 - 4/18/2017			
DWR Inspector	Sterling York			
Accompanied By	Peter Blum			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/18/2017 04/18/2017	Sterling York

LM Start	0.00	Rating **	M	Issue No.	6
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575376 °	38.590810 °
				-121.635560 °	-121.665257 °
DWR ID	DWR_RD2035_03_s_2017_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_240_6_20170426_00017.jpg



View looking upstream of annual grasses that need to be maintained, Spring 2017.

LM Start	0.00	Rating **	M	Issue No.	8
LM End	2.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575376 °	38.590809 °
				-121.635590 °	-121.665257 °
DWR ID	DWR_RD2035_03_s_2017_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained, Spring 2017.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	7
LM End	2.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575376 °	38.590810 °
				-121.635585 °	-121.665258 °
DWR ID	DWR_RD2035_03_s_2017_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses need to be maintained, Spring 2017.					

Photo 1 of 1 : SP_2017_RD2035_240_7_20170426_00018.jpg



View looking upstream of annual grasses that need to be maintained, Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/18/2017 04/18/2017	Sterling York

LM Start	0.06	Rating **	M	Issue No.	973
LM End	2.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.575615 °	38.590919 °
				-121.636680 °	-121.658682 °
DWR ID	DWR_RD2035_03_s_2012_973				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 2 : SP_2017_RD2035_240_973_20170316_00002.jpg



Landside drainage ditch at levee toe. Spring.

LM Start	0.06	Rating **	M	Issue No.	973 (cont)
LM End	2.16	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2017_RD2035_240_973_20170316_00003.jpg



View of landside ditch at the levee toe looking upstream. Fall 2016.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/18/2017 04/18/2017	Sterling York

LM Start	0.81	Rating **	U	Issue No.	974
LM End	0.81	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581057 °	38.581057 °
				-121.645142 °	-121.645142 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50078 DS_ID:17823 EP_NO: 6123 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 09/14/2016 - No markers present where the pipe crosses levee. pipe vent appears to indicate alignment parallel to the levee at its visible location. However, permit records indicate pipe does cross the levee approximately 75 feet south from the visible well. (T. Hatch/UCIP)04/03/2013 - Need to install gasline markers through the levee if pipe is still active. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 6-inch soil-proofed steel high pressure gas line through the levee, 2.5 feet below the crown. There is a pipe at vent visible off landside (LS) toe. (Permit No. 6123, 1968 - P.G.&E.) FS Date: 9/14/2016					

LM Start	0.81	Rating **	U	Issue No.	974 (cont)
LM End	0.81	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_50078_18345.jpg



Gasline vent off LS toe.

Photo 2 of 3 : UCIP_SP_2017_50078_18344.jpg



Gasline vent off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/18/2017 04/18/2017	Sterling York

LM Start	0.81	Rating **	U	Issue No.	974 (cont)
LM End	0.81	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581057 °	38.581057 °
				-121.645142 °	-121.645142 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50078 DS_ID:17823 EP_NO: 6123 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 09/14/2016 - No markers present where the pipe crosses levee. pipe vent appears to indicate alignment parallel to the levee at its visible location. However, permit records indicate pipe does cross the levee approximately 75 feet south from the visible well. (T. Hatch/UCIP)04/03/2013 - Need to install gasline markers through the levee if pipe is still active. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 6-inch soil-proofed steel high pressure gas line through the levee, 2.5 feet below the crown. There is a pipe at vent visible off landside (LS) toe. (Permit No. 6123, 1968 - P.G.&E.) FS Date: 9/14/2016					

Photo 3 of 3 : UCIP_SP_2017_50078_75935.jpg



View along the levee crown looking approximately north. The WS of the levee is on the left. The LS is on the right.

LM Start	1.39	Rating **	M	Issue No.	975
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.589425 °	38.589425 °
				-121.645359 °	-121.645359 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41128					
DS_ID:17836					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to clear vegetation and debris from WS at outlet.					
FIELD_STRUCT_DESC: 36-inch Corrugated metal pipe through levee 17.5 feet below crown, flap gate on waterward end, slide gate and concrete headwall on landward end. Originally included in O+M manual (1952).					
FS Date: 4/3/2013					

Photo 1 of 3 : UCIP_SP_2017_41128_18348.jpg



Slide gate and headwall in canal at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/18/2017 04/18/2017	Sterling York

LM Start	1.39	Rating **	M	Issue No.	975 (cont)	
LM End	1.39	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.589425 °		38.589425 °
				-121.645359 °		-121.645359 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41128						
DS_ID:17836						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to clear vegetation and debris from WS at outlet.						
FIELD_STRUCT_DESC: 36-inch Corrugated metal pipe through levee 17.5 feet below crown, flap gate on waterward end, slide gate and concrete headwall on landward end. Originally included in O+M manual (1952).						
FS Date: 4/3/2013						

Photo 2 of 3 : UCIP_SP_2017_41128_18347.jpg



Slide gate and headwall in canal at LS toe.

LM Start	1.39	Rating **	M	Issue No.	975 (cont)
LM End	1.39	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_41128_18346.jpg



Vegetated area blocks access to WS of pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/18/2017 04/18/2017	Sterling York

LM Start	2.17	Rating **	M	Issue No.	976
LM End	2.17	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.590934 °	38.590934 °
				-121.658940 °	-121.658940 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11011					
DS_ID:17837					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Debris and vegetation partially blocking inlet and outlet at both toes.					
FIELD_STRUCT_DESC: 48-inch corrugated metal pipe through levee 19.0 feet below crown, slide gate on both ends. Originally included in O+M manual (1952).					
FS Date: 4/3/2013					

Photo 1 of 2 : UCIP_SP_2017_11011_18354.jpg



Slide gate at WS toe showing excessive vegetation.

LM Start	2.17	Rating **	M	Issue No.	976 (cont)
LM End	2.17	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : UCIP_SP_2017_11011_18353.jpg



Slide gate at LS toe showing excessive vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/18/2017 04/18/2017	Sterling York

LM Start	2.19	Rating **	M	Issue No.	977
LM End	2.19	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.590909 °	38.590909 °
				-121.659311 °	-121.659311 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11012					
DS_ID:17838					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Debris and vegetation partially blocking both ends of pipe.					
FIELD_STRUCT_DESC: 36-inch pipe through levee 18.0 feet below crown, slide gate on LS toe. Combination flap and slide gate on WS toe. Originally included in O+M manual.					
FS Date: 4/3/2013					

Photo 1 of 3 : UCIP_SP_2017_11012_18357.jpg



Combination flap and slide gate on WS toe. With excessive vegetation

LM Start	2.19	Rating **	M	Issue No.	977 (cont)
LM End	2.19	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_11012_18356.jpg



Headwall at bottom of fenceline on LS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/18/2017 04/18/2017	Sterling York

LM Start	2.19	Rating **	M	Issue No.	977 (cont)	
LM End	2.19	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.590909 °	38.590909 °	
				-121.659311 °	-121.659311 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:11012						
DS_ID:17838						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Debris and vegetation partially blocking both ends of pipe.						
FIELD_STRUCT_DESC: 36-inch pipe through levee 18.0 feet below crown, slide gate on LS toe. Combination flap and slide gate on WS toe. Originally included in O+M manual.						
FS Date: 4/3/2013						

Photo 3 of 3 : UCIP_SP_2017_11012_18355.jpg



Headwall and pipe on LS toe.

LM Start	2.23	Rating **	M	Issue No.	5
LM End	2.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.590893 °	38.590760 °
				-121.659942 °	-121.665210 °
DWR ID	DWR_RD2035_03_s_2013_5				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD2035_240_5_20170316_00001.jpg



Fence along the landside shoulder of the crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---